



OUT16/45946

Ms Genevieve Seed
Resource Assessments
NSW Department of Planning and Environment
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SYDNEY NSW 2001

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Dear Ms Seed

**Martins Creek Quarry (SSD 6612)
Comment on the Environmental Impact Statement**

I refer to your email of 10 October 2016 to the Department of Primary Industries (DPI) in respect to the above matter. Comment has been sought from relevant divisions of DPI. Views were also sought from NSW Department of Industry - Lands that are now a division of the broader Department and no longer within NSW DPI. Any further referrals to DPI can be sent by email to landuse.enquiries@dpi.nsw.gov.au.

DPI has reviewed the development application and Environmental Impact Statement and provides the following recommendations:

- The road extending north from Station Street, Martins Creek must be closed and acquired by the Proponent prior to the Proponent undertaking any works on this land.
- In the treatment of topsoil the proponent should develop a program based on the identification of an analogue site (undisturbed soil on adjacent land). The proponent should apply treatments to achieve a pre-development status for parameters including; soil pH, aggregate size, organic matter, depth of topsoil and nutrient status.
- The proponent should provide further detail on:
 - Current water holding in the western pit void.
 - Clean and dirty water diversions around the pits.
 - Change in catchment area in the final landform.
- The proponent should investigate purchase of an additional 2 shares in the New England Fold Belt Coast Groundwater Source.
- A Dam on a 3rd order stream (Dam 4) does not satisfy DPI Water's criteria for exemption from requiring a Water Access Licence (WAL). As such a WAL may be required for Dam 4. To assist DPI Water in providing advice on this matter the following information is requested:
 - Justification for the proposed location of Dam 4. Clarification as to whether this is a 'clean' water dam, as it is represented in the water balance and further detail on any reuse of this water.
 - Detail on the separation of clean and dirty water diversions.

- Clarification regarding whether Dam 3 is a 'clean' water dam, due to clean catchment references in the water balance and further detail on any reuse of this water.
- The proponent will be required to offset 217 ML of additional loss of catchment area in the Paterson/Allyn Rivers Water Source resulting from the proposed expansion through the attainment of Water Access License shares equal to the loss.
- The proponent should provide further detail of proposed diversion design and impacts downstream on ecological and geomorphic function as a result of water course diversions. All watercourse diversions and other works on waterfront land should be designed and undertaken in accordance with [DPI Water Guidelines on Controlled Activities](#).
- The proponent should develop a Water Management Plan in consultation with DPI Water. The Plan should include:
 - Prescriptive Trigger Action Response Plans for impacts on surrounding surface and groundwater users. These should include make good provisions.
 - A groundwater monitoring plan for the monitoring and management of groundwater associated with the quarrying activities, as outlined in section 8.6 of the EIS and section 7.6.6 of Appendix 6. Groundwater monitoring sites should include water level loggers for continuous monitoring. This is important to obtain information for the first 4 years to inform if quarterly downloads of water level information, as proposed, are appropriate.
 - The surface water monitoring plan should include monitoring of downstream flow and water quality.
 - Make good provisions to ensure downstream water users are not impacted by the project.
- The proponent should develop an Erosion and Sediment Control Plan in consultation with DPI Water.
- The following Conditions of Consent should be included in any determination for the project:
 - The proponent must ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of operations on site to match its available water supply.
 - A final land use must be detailed for the site at the end of life of the quarry. Rehabilitation of the site must lead to best practice use of land for the identified final use.

Yours sincerely



Mitchell Isaacs
Director, Planning Policy & Assessment Advice
 24 November 2016

DPI appreciates your help to improve our advice to you. Please complete this three minute survey about the advice we have provided to you, here:

<https://goo.gl/o8TXWz>